Going OnLine

STAT:5201

Overview

Lecture Information

- **Plan:**
  - I will use my PDF lecture slides to create recorded movies. I am able to write on the PDF notes with a stylus (pen) and this allows me to add extra comments/notes/graphics while I record my voice for the lecture.

  - These movies will each be about 15 minutes, and 3 movies will coincide with each MWF lecture.

  - See an example now in ICON under 'Online Lectures'.

  - These will be *.mov* files. Apple's QuickTime programs, and Windows Media Player are all able to play *.mov* files. I believe iPad (iOS) devices will also play these files. If we have any issues, I can convert to *mp4* files (but I haven't had trouble in the past).

  - I plan to upload them to ICON on the day of the lecture (by 12:30), but I may be able to upload multiple lectures early.

Lecture Information

- **Possible Problems:**
  1. **[STORAGE SPACE]**
     Each 15-minute movie is about 100MG. Right now, I have supposedly have 5200MG available to me on ICON, which means I can post about 52 movies, or about 17 lectures. But we have 7 weeks or 21 lectures left before finals week.

     If every teacher at U of Iowa is posting video lectures on ICON, the system may be overwhelmed.

     If I switch to Dropbox (for example), and universities across the US are posting lots of videos on Dropbox, the system may be overwhelmed... WE DON'T KNOW!!!

  2. **[TECHNICAL DIFFICULTIES]**
     This could be from my end, or from your end. But I have used this process before without issue (it's just that now... everyone is trying to do similar things all at the same time.)

Homework

1. Homework will be assigned as usual and appear on our public course home website (provided the UI webspace is not overwhelmed).

2. HOW DO YOU TURN IT IN ELECTRONICALLY?
   - Much of the homework is electronic (Word doc or LaTeX) because it includes SAS output. That parts easy.

   - How do we deal with turning-in hand-written mathematical parts?
     1. Do you have access to a scanner?
     2. Do you have the ability to write notes on a hand-held tablet with a stylus (computer pen) and save as a PDF?
     3. Do you have the time to write it all out in LaTeX notation? 🤣
     4. Do you have a smart phone that takes pictures of your hand-written work? (Not the best option, but one I expect everyone has)

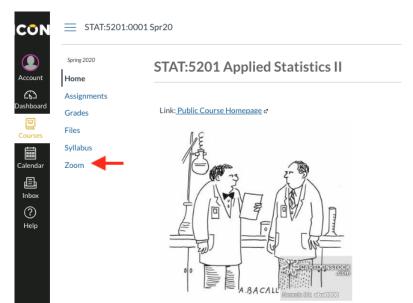3. Completed homework will be uploaded to ICON while we're doing Online Teaching.

Homework - office hours/help

1. How do you get help, like office hours help?

   - I believe many questions can be addressed and solved using email communication.

   - I have used **Zoom video conferencing** minimally, but we have access to this software at UI, and they have even included a link to Zoom from within our ICON course webpage.

     Zoom is the software that UI is promoting right now during the 'Keep Iowa Teaching' campaign.
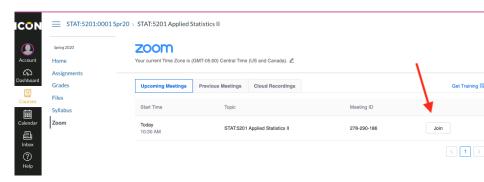
Homework - office hours/help

- Zoom link from within ICON:

Homework - office hours/help

- After clicking on the Zoom link from within ICON, you'll see...

- After I schedule a meeting, it should show-up here, and it looks like you can simply go to ICON and press 'join' at the appropriate time.
- I can also send you a URL link via email that will allow to join the video meeting (tested this earlier).

Exams

- Im still thinking about how we will do exams.

- It's a smaller issue if the UI is online-only for just the two weeks after spring break.
  - We can potentially postpone until we are back with face-to-face teaching.
  - I've been thinking about perhaps doing projects. Having you design an experiment (cheap, feasible, etc.), perform the experiment, analyze the data, present the analysis. This could take the place of an exam.

- It's a bigger issue if we are online-only for the rest of the school year.